

MATERIAL SAFETY DATA SHEET

MSDS

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Date-Issued 09/18/1997
MSDS Ref No RPTM23070
Date-Revised 09/18/1997
Revision No New MSDS

PoolTime Non-Foaming Algicide

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME PoolTime Non-Foaming Algicide
GENERAL USE Swimming pool algicide
CHEMICAL FAMILY Polymer

MANUFACTURER

Recreational Water Products
Pool Time
PO Box 887
Scottsdale, GA 30079
Customer SERVICE (800) 949-7946

24 HR. EMERGENCY TELEPHONE NUMBERS

CHEMTREC (Transportation) (800) 424-9300
Rocky Mountain (Medical) (303) 623-5716

COMMENTS:

EPA Registration Number 67262-20

2. COMPOSITION / INFORMATION ON INGREDIENTS

Chemical Name	Wt %	CAS Registry #	EINECS #
Poly[oxyethylene(dimethyliminio)ethylene(dimethyliminio)ethylene dichloride]	30	31075-24-8	

3. HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW

PHYSICAL APPEARANCE

Clear, pale yellow liquid with a mild odor

IMMEDIATE CONCERNS

CAUTION Avoid contact with skin, eyes, or clothing Harmful if swallowed Wear goggles or safety glasses and rubber gloves when handling this product Irritating to nose and throat Avoid breathing vapors Remove and wash contaminated clothing before reuse

POTENTIAL HEALTH EFFECTS

EYES

CAUTION Causes eye irritation Avoid contact with eyes

SKIN

Product is non-irritating to skin Avoid contact with skin

INGESTION

Harmful if swallowed

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INHALATION

Irritating to nose and throat Avoid breathing vapors

CHRONIC

There are no known chronic hazards

ROUTES OF ENTRY:

Skin Contact, Inhalation, Ingestion, Eye Contact

4. FIRST AID MEASURES

EYES

If contact with eyes occurs Immediately flush with cold water for at least 15 minutes Then get immediate medical attention

SKIN

Wash off excess chemical with soap and water and flush skin with cold water for at least 15 minutes If irritation persists, get medical attention

INGESTION

If swallowed Drink large amounts of water Do not induce vomiting Avoid alcohol NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON Call a physician or poison control center immediately

INHALATION

If inhaled Remove to fresh air If breathing is difficult, have trained person administer oxygen If not breathing, give artificial respiration Call a physician immediately

5. FIRE FIGHTING MEASURES

FLASHPOINT AND METHOD Not Applicable

GENERAL HAZARD

There are no unusual fire and explosion hazards known

EXTINGUISHING MEDIA

Dry chemical, water foam or carbon dioxide Water should be used to cool surrounding containers

FIRE FIGHTING EQUIPMENT

Firefighters should wear full protective clothing and self contained breathing apparatus (SCBA) Thoroughly decontaminate fire fighting equipment including all fire fighting wearing apparel after the incident

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6. ACCIDENTAL RELEASE MEASURES

GENERAL PROCEDURES:

STEP TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED Utilizing appropriate clothing and safety equipment, contain spill material Cover the liquid with an inert absorbent Using clean, dedicated equipment, sweep and scoop all spilled material, contaminated soil, and other contaminated material and place into clean dry plastic containers for disposal Dispose of according to local, state and federal regulations

7. HANDLING AND STORAGE

GENERAL PROCEDURES

Avoid contact with eyes, skin or clothing Avoid breathing vapors

HANDLING

Mix only with water Never add water to product Always add product to large quantities of water Do not mix with other chemicals Use clean dry utensils Do not add this product to any dispensing device containing remnants of any other product Such use may cause a violent reaction leading to fire or explosion

STORAGE

Keep this product in original closed container when not in use Store in a cool, dry, well ventilated area away from heat or open flame Do not contaminate water, food or feed by storage or disposal or cleaning of equipment

8. EXPOSURE CONTROLS / PERSONAL PROTECTION

EXPOSURE GUIDELINES:

OSHA HAZARDOUS COMPONENTS (29 CFR 1910.1200)

		EXPOSURE LIMITS			
		OSHA PEL ppm	OSHA PEL mg/m ³	ACGIH TLV ppm	SUPPLIER OEL mg/m ³
Poly[oxyethylene(dimethyliminio)e- thylene(dimethyliminio)ethylene dichloride]	TWA	N/E ^[1]		N/E	

OSHA TABLE COMMENTS

1 N/E = Not Established

ENGINEERING CONTROLS:

General room ventilation plus local exhaust should be used to minimize exposure to vapors

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PERSONAL PROTECTIVE EQUIPMENT

EYES AND FACE

Wear goggles or safety glasses with side shields when handling this product

SKIN

Wear rubber gloves when handling this product. Avoid contact with skin.

RESPIRATORY

A respiratory protection program that meets OSHA 1910.134 and ANSI Z88.2 requirements must be followed whenever workplace conditions warrant a respirator's use.

WORK HYGIENIC PRACTICES:

Remove and wash contaminated clothing before reuse.

OTHER USE PRECAUTIONS

Facilities storing or utilizing this material should be equipped with an eyewash and safety shower.

9. PHYSICAL AND CHEMICAL PROPERTIES

PHYSICAL STATE Liquid

ODOR Mild

APPEARANCE Clear

COLOR Pale yellow

pH 6 to 8

BOILING POINT >100°C (212°F)

FREEZING POINT <0°C

SOLUBILITY IN WATER Miscible in Water

SPECIFIC GRAVITY 1.06 g/ml

10. STABILITY AND REACTIVITY

CONDITIONS TO AVOID

High temperature Poor ventilation Contamination

STABILITY

This product is stable under normal conditions.

POLYMERIZATION

Hazardous polymerization will not occur under normal conditions.

HAZARDOUS DECOMPOSITION PRODUCTS

None known

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INCOMPATIBLE MATERIALS

Other swimming pool/spa chemicals in their concentrated forms Anionic polymers

11. TOXICOLOGICAL INFORMATION

ACUTE

DERMAL LD₅₀ >2000 mg/kg of body weight in rabbits
ORAL LD₅₀ Male 1951 mg/kg, Female 2587 mg/kg
INHALATION LC₅₀ 2.9 mg/l

EYE EFFECTS

Mildly irritating to eyes

SKIN EFFECTS

Non-irritating to skin

SENSITIZATION

This product is not a skin sensitizer

CARCINOGENICITY

This product is not listed as a carcinogen by IARC
This product is not listed as a carcinogen by NTP
This product is not listed as a carcinogen by OSHA

MUTAGENICITY

Mutagenicity studies were negative

12. ECOLOGICAL INFORMATION

ECOTOXICOLOGICAL INFORMATION

This pesticide is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds or estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

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13. DISPOSAL CONSIDERATIONS

DISPOSAL METHOD

Pesticide wastes are toxic. Improper disposal of excess pesticide or rinsate is a violation of Federal Law. If these wastes cannot be disposed of by use according to label instructions, contact your State Pesticide or Environmental Control Agency or the Hazardous Waste Representative at the nearest EPA Regional Office for guidance. Do not contaminate water, food, or feed by storage or disposal or cleaning of equipment. Do not put product, spilled product, or filled or partially filled containers into the trash or waste compactor. Contact with incompatible materials could cause a reaction or fire.

EMPTY CONTAINER

Do not reuse container. Rinse thoroughly before discarding in trash.

14. TRANSPORT INFORMATION

DOT (DEPARTMENT OF TRANSPORTATION)

PROPER SHIPPING NAME Not Regulated

OTHER SHIPPING INFORMATION Bill of Lading Description - Disinfectants or Deodorants, NOI, in bulk, barrels, boxes, kits, pails or package (NMFC 57100, SUB 3)

15. REGULATORY INFORMATION

UNITED STATES

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT)

313 REPORTABLE INGREDIENTS This product or its components are not listed

CERCLA (COMPREHENSIVE RESPONSE, COMPENSATION, AND LIABILITY ACT)

CERCLA REGULATORY This product or its components are not listed

TSCA (TOXIC SUBSTANCE CONTROL ACT)

TSCA REGULATORY This product or its components are not subject to export notification

TSCA STATUS This product or its components are listed on the TSCA Inventory

RCRA STATUS

This product, as sold, would not be considered a RCRA Hazardous Waste

OSHA HAZARD COMM RULE

Product is hazardous by definition of the Hazardous Communication Standard

FIFRA (FEDERAL INSECTICIDE, FUNGICIDE, AND RODENTICIDE ACT)

This product is a registered pesticide

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FDA (FOOD AND DRUG ADMINISTRATION)
Not listed

16. OTHER INFORMATION

REVISION SUMMARY

New MSDS

NFPA CODES

HEALTH 1 FIRE 1 REACTIVITY 1

HMIS CODES

HEALTH 1 FIRE 1 REACTIVITY 1 PROTECTION B

MANUFACTURER DISCLAIMER:

IMPORTANT This information is given without a warranty or guarantee. No suggestions for use are intended or shall be construed as a recommendation to infringe any existing patents or violate any Federal, State or local laws. Safe handling and use is the responsibility of the customer. Read the label before using this product. This information is true and accurate to the best of our knowledge.
